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PHOTOGRAPHIC INTERPRETATION REPORT

PETROPAVLOVSK  
NAVAL MISSILE FACILITIES  
USSR



CIA

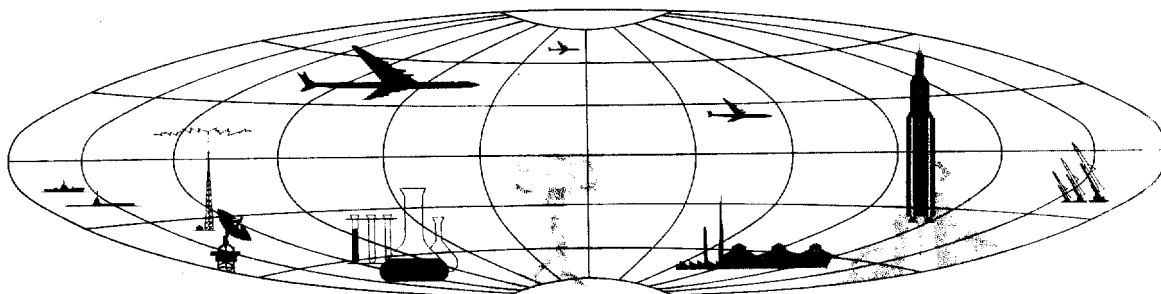


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## PETROPAVLOVSK NAVAL MISSILE FACILITIES, USSR

### SUMMARY

The Petropavlovsk Naval Missile Facilities, USSR, include a naval missile storage facility, [redacted] and a probable naval missile support facility (missile port). Excellent-quality [redacted] photography [redacted] reveals new additions to the facilities since [redacted] and permits an analysis of features which were not identifiable previously. The function of 1 of the 2 completed earth-mounded storage bunkers is tentatively identified as ballistic missile warhead storage and that of the other as cruise (guided) missile

warhead storage; this tentative identification is based on the rated weight differences of the missile warheads concerned. A chamber for a possible third smaller storage bunker is being excavated in a hillside 1 nautical mile from the 2 completed ones.

### DESCRIPTION OF FACILITIES

The Petropavlovsk Naval Missile Facilities are located near Staraya Tarya, USSR, on the northwest shore of Bukhta (Bay of) Tarya on the east coast of the Kamchatka Peninsula (Figure 1). They are 5 nautical miles (nm) west-northwest

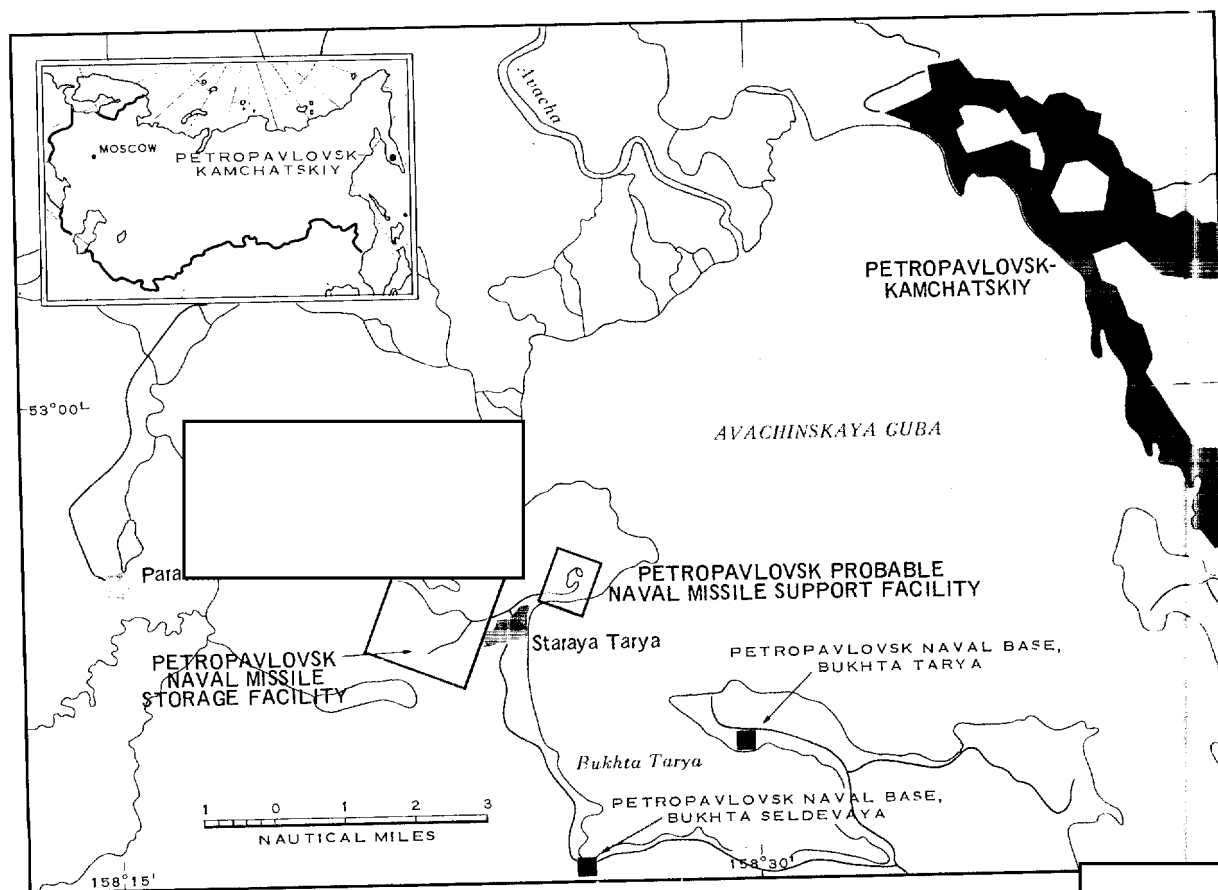


FIGURE 1. LOCATION OF PETROPAVLOVSK NAVAL MISSILE FACILITIES, USSR.

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of the Petropavlovsk Naval Base, Bukhta Tarya [ ] and 11 nm west-southwest of the city of Petropavlovsk-Kamchatskiy. The facilities include the Petropavlovsk Naval Missile Storage Facility [ ] at 52-56-40N 158-23-10E, [ ]

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[ ] and the Petropavlovsk Probable Naval Missile Support Facility [ ] at 52-57-20N 158-26-00E. Support areas associated with the facilities provide for administration, housing, storage, and a motor pool.

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The facilities were described in a previous report based on [ ] photography; 1/ however, photography from [ ] missions in [ ] revealed more details and new additions to the sites. The facilities were under construction when first observed in [ ] and were probably operational by [ ]. Changes since [ ] include expansion of the Storage and Checkout Area at the Naval Missile Storage Facility, [ ] [ ] and the completion of a Liquid Storage Area at the Probable Naval Missile Support Facility.

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The Petropavlovsk Naval Base, Bukhta Tarya, to which the missile facilities are related, is the only submarine base in the Soviet Far East which has direct access to the open sea. The use of icebreakers makes possible an all-year operational capability at the base. Icebreaker tracks connecting the base and the Probable Naval Missile Support Facility are visible on photography [ ]

The primary access to the missile facilities is by sea. The Port Area of the Probable Naval Missile Support Facility is connected by an all-weather road to the Petropavlovsk Naval Base, Bukhta Seldevaya (BE No

[ ] 4 nm to the south. The road continues around the bay (Figure 1) to the Petropavlovsk Naval Base, Bukhta Tarya. A road is under construction northwest of the Naval Missile Storage Facility; this will probably connect with roads leading to Petropavlovsk-Kamchatskiy and nearby airfields.

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Inasmuch as the submarine base is 1,200 nm from Vladivostok and has no access by land to the interior of the USSR, it requires complete logistic support. Consequently, the naval missile facilities are more typical of those associated with a fleet headquarters than of those at other forward submarine bases. Both cruise (guided) missile submarines (SSG) and ballistic missile submarines (SSB) have been observed at Petropavlovsk; it would, therefore, appear likely that both types of missile systems are stored at the missile facility.

#### NAVAL MISSILE STORAGE FACILITY

The Petropavlovsk Naval Missile Storage Facility (Figures 2 and 3) includes a Storage and Checkout Area and an Explosives Storage Area. Both areas are separately secured by double fences, and the access road divides so that either area can be reached without passing through the other. The Support Areas (Figure 3), described in a previous report, 1/ are located east of the fork in the access road. Descriptions and dimensions of significant items at the facility are presented in a table inset on Figure 3; item numbers are keyed to this table and Figure 3.

#### Storage and Checkout Area

The bulk of the Storage and Checkout Area is located on the north side of a ridge. This section contains 10 large earth-covered, drive-in storage buildings (items 12, 13, and 19,

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Figure 3); the driveways serving these buildings have wide curves which can accommodate long vehicles. Of these buildings, 9 are clustered together at the end of the service road, and the closeness of their locations would indicate that blast protection was not the main reason for the earth coverings. One of the buildings (item 12) was not present in [ ] in [ ] it was not completely earth covered, revealing that the roof is arched, and the driveway was not complete. The tenth building (item 19) is near the entrance to the area and at least 300 feet from the nearest building. The angle at which the driveway for this building joins the service road suggests that most vehicles enter the building from further inside the area; it is possible that there is a side entrance in addition to the drive-in entrance.

Also north of the ridge are 3 small drive-in buildings and a drive-through building, all located near the service road. A fourth small drive-in building is on a side road. Parked near the service road, on photography of [ ] [ ] were at least 13 vehicles or shipping crates; their lengths, accurate to within 5 feet, were as follows: 7 measured [ ] 2 measured [ ]

Across the ridge is a small section under construction; there is a separate service road for this section. This section contains a shop building, a large earth-covered storage building, and an excavation. The shop building (item 11) is probably used for assembly/check-out. It has a high center bay flanked by a lower bay on each side; the center bay will probably have a drive-through capability. An open utility ditch leads from the access road to the shop building. The earth-covered building is similar to other earth-covered storage buildings, but long vehicles will not be able to use the entrance. The excavation is within a loop road. Outside the fences and adjacent to the

access road are several buildings and parking areas which contained, on photography of [ ] [ ] at least 15 vehicles or objects.

#### Explosives Storage Area

The Explosives Storage Area contains 10 earth-covered buildings. Two of the buildings (items 1 and 2) are within a walled section just inside the entrance to the area; these buildings have drive-in entrances and resemble the large storage buildings in the Storage and Checkout Area. Photography [ ] revealed at least 30 vehicles and 5 objects parked inside the walled section. A large, drive-through building (item 9) is centrally located close to the service road just outside the walled section. The other earth-covered buildings have drive-in entrances, are dispersed, are partially revetted, and vary in length from 65 to 180 feet. At least 2 of the buildings are more heavily covered with earth than the others, and 2 of the buildings (items 7 and 8) have probably been earth covered [ ]

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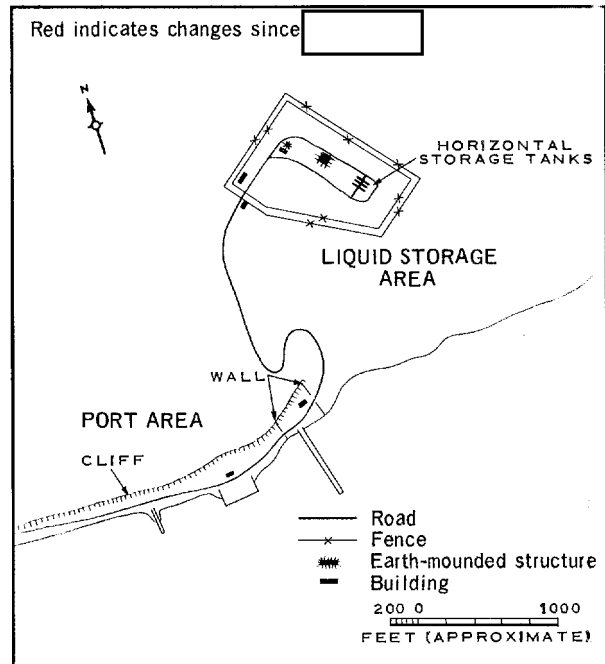
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**PROBABLE NAVAL MISSILE SUPPORT FACILITY**

The Petropavlovsk Probable Naval Missile Support Facility consists of a Port Area and a Liquid Storage Area on a hillside above (Figure 5). This facility is located on the north shore of Bukhta Tarya, 2 nm east of the 2 storage facilities (Figure 1).

The Port Area contains 2 piers, a wharf,



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FIGURE 5. PETROPAVLOVSK PROBABLE NAVAL MISSILE SUPPORT FACILITY, [redacted]

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and 2 buildings, all located at the base of a cliff which parallels the shoreline. The smaller pier, which measures 150 by 40 feet, is used by small craft. The 4 Sibir Class missile range instrumentation ships (AGM) based in the Pacific have been observed regularly at the wharf, which is 280 feet long. The longer pier, measuring 550 by 40 feet, is probably the missile port. This pier and an apron where it meets the shore are secured by walls to the east and west and the cliff on the north; 3 mobile cranes are discernible on the photography.

An access road originating in the secured section of the Port Area leads to the Liquid

Storage Area built on the steep hillside. The Liquid Storage Area is double fenced and contains 2 buildings, 2 earth-mounded structures, and 6 horizontal storage tanks (possibly pressurized) within a small revetment. Overall dimensions of the exteriors of the 2 earth mounds are 60 by 50 feet and 90 by 50 feet. The horizontal tanks are supplied from an overhead feedline which extends uphill and downhill to 2 loading points along the loop road. Photography of [ ] revealed that the area also contained vehicles, possible tanker trailers, and small horizontal storage tanks.

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REFERENCES

MAPS OR CHARTS

- SAC. US Air Target Chart, Series 50, Sheet 0194-17/14A, 1st ed, Jul 58, scale 1:50,000 (SECRET)
- USNOO. US Air Target Chart, Series 200, Sheet 0194-17HL, 3d ed, Sep 63, scale 1:200,000 (SECRET)

DOCUMENTS

1. NPIC. R-52/64, *Probable Naval Missile Facility Near Petropavlovsk Kamchatskiy Submarine Base, USSR*, Jan 64 (TOP SECRET)
2. USN. ONI *Handbook of Soviet Naval Weapons Systems (U)*, 15 Oct 63 (TOP SECRET)
3. DIA. AP-1-230-1-4-64-INT, *(U) The Soviet Submarine Force*, 1 Jun 64 (SECRET)

REQUIREMENT

NSA. PO432/R93-64

NPIC PROJECT

N-857/64 (partial answer)

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